

**SYSTEM AND METHOD FOR DIAGNOSING AND MONITORING
OUTCOMES OF ATRIAL FIBRILLATION FOR AUTOMATED
REMOTE PATIENT CARE**

Abstract

5 A system for diagnosing and monitoring outcomes of atrial fibrillation for
remote patient care is presented. A database stores monitoring sets containing
recorded measures relating to patient information recorded on a substantially
continuous basis. A server retrieving and processing a plurality of the monitoring
sets includes a comparison module receiving a diagnosis of atrial fibrillation and
10 determining patient status changes in response to the atrial fibrillation diagnosis
by comparing periodically recorded measures from each of the monitoring sets to
other recorded measures from another of the monitoring sets with both recorded
measures relating to a same type of patient information; and an analysis module
evaluating on a periodic basis each patient status change for an absence, an onset,
15 a progression, a regression, and a status quo of atrial fibrillation against a
predetermined indicator threshold corresponding to the same type of patient
information as the recorded measures which were compared.